



721-9258

SAFETY DATA SHEET**2402****1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY**

PRODUCT NAME: 2402

PART No.: 35113

SUPPLIER: Bostik (UK) Limited,
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2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS No.	CONTENTS	HEALTH (class)	RISK (R No.)
ACETONE	67-64-1	10-30 %		
BUTANONE	78-93-3	5-10 %	Xi	36/37
TOLUENE	108-88-3	10-30 %	Xn	20
EXXSOL DSP60/95S (LABEL AS ALIPHATIC HYDROCARBON SOLVENT)	64742-49-0	10-30 %	Xn	65

3 HAZARDS IDENTIFICATION

Highly flammable.
Harmful by inhalation.
Irritating to eyes.

4 FIRST AID MEASURES

GENERAL: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INHALATION: Move the exposed person to fresh air at once. For breathing difficulties oxygen may be necessary. If breathing stops, provide artificial respiration. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION: DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Remove victim immediately from source of exposure. Immediately rinse mouth and provide fresh air. Get medical attention immediately! NOTE! Keep affected person away from heat, sparks and flames!

SKIN: Remove affected person from source of contamination. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

EYES: Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if irritation persists.

5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc. Carbon dioxide (CO2).

SPECIAL FIRE FIGHTING PROCEDURES:

Move container from fire area if it can be done without risk. Containers close to fire should be removed or cooled with water. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

UNUSUAL FIRE & EXPLOSION HAZARDS:

HIGHLY FLAMMABLE! Vapours are heavier than air and may spread near ground to sources of ignition.

6 ACCIDENTAL RELEASE MEASURES**SPILL CLEANUP METHODS:**

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Stop leak if possible without risk. Provide ventilation and confine spill. Do not allow runoff to sewer. Absorb in vermiculite, dry sand or earth and place into containers.

7 HANDLING AND STORAGE**USAGE PRECAUTIONS:**

Static electricity and formation of sparks must be prevented. Keep away from heat, sparks and open flame. Use explosion proof electric equipment. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS:

Keep in cool, dry, ventilated storage and closed containers. Keep in original container.

STORAGE CRITERIA:

Flammable liquid storage.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME	CAS No	STD	LT EXP (8 hrs)	ST EXP (15 min)
ACETONE	67-64-1	OES.	750 ppm	1500 ppm
BUTANONE	78-93-3	OES.	200 ppm(Sk)	300 ppm(Sk)
TOLUENE	108-88-3	OES.	50 ppm(Sk)	150 ppm(Sk)

INGREDIENT COMMENTS:

OES = Occupational Exposure Standard.

PROTECTIVE EQUIPMENT:**VENTILATION:**

Explosion-proof general and local exhaust ventilation.

RESPIRATORS:

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).

PROTECTIVE GLOVES:

Use protective gloves.

EYE PROTECTION:

Wear approved safety goggles.

OTHER PROTECTION:

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENIC WORK ROUTINES:

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. No eating or drinking while working with this material.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Viscous. Liquid.	COLOUR:	Off-white.
ODOUR/TASTE:	Sweet.		
SOLUBILITY DESCRIPTION:	Miscible with water.		
BOILING POINT (°C):	55 - 110 @ 760mmHg	SPECIFIC GRAVITY (Water=1):	0.9 @ 20 °C
VOLATILE BY VOL.(%):	75	VISCOSITY:	~25 Ps @ 20 °C
FLASH POINT (°C):	~ -18		
FLASH POINT METHOD:	TCC (Tag closed cup).	FLAMMABILITY LIMIT (lower %):	1
FLAMMABILITY LIMIT (upper %):	13		

10 STABILITY AND REACTIVITY

STABILITY: Normally stable.
CONDITIONS TO AVOID: Avoid heat. Avoid contact with oxidisers or reducing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

11 TOXICOLOGICAL INFORMATION

HEALTH WARNINGS: INHALATION. Vapour from this chemical can be hazardous when inhaled.
 SKIN CONTACT. Defats the skin. May cause skin irritation/eczema.
 INGESTION. May cause stomach pain or vomiting.
 EYE CONTACT.
MEDICAL SYMPTOMS: Irritation of eyes and mucous membranes. Prolonged or repeated exposure may cause:
 Drowsiness, dizziness, disorientation, vertigo.

12 ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS: No data on possible environmental effects have been found.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Dispose of in accordance with Local Authority requirements.

14 TRANSPORT INFORMATION

LABEL FOR CONVEYANCE:



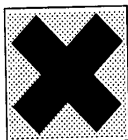
ROAD:			
UN No:	1133	ADR CLASS No:	3
HAZARD CLASS (ADR):	Class 3: Flammable liquids.	HAZARD No. (ADR):	30
ADR ITEM No:	31°(c)	ADR LABEL No:	3
MARGINAL:	2301	CEPIC TEC(R) No:	30G35
HAZCHEM CODE:	3Y		
PROPER SHIPPING NAME I:	ADHESIVES		
RAIL:			
RAIL TRANSPORT CLASS No:	3	RAILROAD PT:	31°(c)
SEA:			
UN SEA:	1133	SEA TRANSPORT CLASS No:	3.3
IMDG Page No:	3302	SEA PACK GR:	III
EmS No.:	3-05	MFAG Table No:	330
AIR:			
UN AIR:	1133	AIR TRANSPORT CLASS No:	3
AIR PACK GR:	III		

15 REGULATORY INFORMATION

LABEL FOR SUPPLY:



HIGHLY FLAMMABLE



HARMFUL

RISK PHRASES:

R-11 Highly flammable.
 R-20 Harmful by inhalation.
 R-36 Irritating to eyes.

SAFETY PHRASES:

S-9 Keep container in a well ventilated place.
 S-16 Keep away from sources of ignition - No Smoking.
 S-25 Avoid contact with eyes.
 S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S-37 Wear suitable gloves.
 S-51 Use only in well ventilated areas.
 S-60 This material and its container must be disposed of as hazardous waste.

EC DIRECTIVES:

System of specific information relating to Dangerous Preparations. 91/155.
 Dangerous Substance Directive 67/548.
 Dangerous Preparations Directive 88/379.

STATUTORY INSTRUMENTS:

Chemicals (Hazard Information and Packaging) Regulations.
 Control of Substances Hazardous to Health.

APPROVED CODE OF PRACTICE:

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES:

Safety Data Sheets for Substances and Preparations L62.
 Occupational Exposure Limits EH40.
 Introduction to Local Exhaust Ventilation HS(G)37.
 CHIP for everyone HSG(108).

16 OTHER INFORMATION

INFORMATION SOURCES:

Dangerous Properties of Industrial Materials Report, N.Sax et.al.

REVISION DATE:

07/00

REVISION No. /REPLACES SDS ISSUED:

5 - 06/00